



Waste Management  
ENVIRONMENTAL QUALITY

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*Governor*

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*Secretary*

MICHAEL SCOTT  
*Director*

May 5, 2016

Elias Ruhl  
Froehling & Robertson, Inc.  
310 Hubert Street  
Raleigh, NC 27603

**Ref: Request For Proposals: Remedial Activities - Task Orders 311RA-1 through 311RA-3A**  
J.H. Winston Dump | Youngsville, Franklin County | ID# NONCD0000311

Dear Mr. Ruhl:

Please submit a task work plan and cost estimate for remedial activities that will mitigate risks identified at the above referenced site. Conduct these activities in accordance with State Contract No. N15001i.

**Scope of Work:**

Prepare and execute a plan that outlines planning and preparation activities for the Site remedy.

- Reference the most recent Guidelines for Addressing Pre-Regulatory Landfills and Dumps for details regarding procedures.
- Perform activities in accordance with Froehling & Robertson, Inc.'s approved standard operating procedures once approved by this office.
- Ensure personnel in the field are qualified to identify contaminated material and landfill waste and comply with OSHA-required health and safety training.

**Task Order 311RA-1: Site Visit**

Submit a cost estimate to conduct a site visit for purposes of becoming familiar with the site and to gather information that will be helpful in designing the remedy. Personnel participating in the site visit should be those who will be responsible for designing and implementing the remedy work. The cost estimate should include time for file review in preparation for the site visit and subsequent tasks.

**Task Order 311RA-1A: Meeting**

Conduct a meeting with the Division of Waste Management, Pre-Regulatory Landfill Unit (Unit) project manager to discuss remedial options for comparison to mitigate risks to human health and the environment associated with the site that were identified during the remedial investigation. The purpose of this meeting is to identify a technically and economically feasible draft remedial action plan that will meet remediation goals to be implemented at the site. The cost estimate should include time for file review in preparation for the meeting and subsequent tasks.

### **Task Order 311RA-1B: Work Plan and Cost Estimate**

Following the meeting, submit a work plan divided into six sections that outline and detail planning and preparation activities to be included in the draft remedial action plan. Submit itemized cost estimates for each activity that identifies personnel and materials involved. The work plan should include six subsections detailing each activity and associated cost estimate. Each subsection activity will be authorized, completed, and invoiced as a separate task order.

### **Task Order 311RA-1C: Plat Notice**

Prepare a Notice of Inactive Hazardous Substances or Waste Disposal Site for each property containing the Site. Submit an electronic version of the Notice(s) for review and inclusion in the draft RAP. Instruction for preparing the Notice is located at the end of the webpage under the heading Other at <http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/inactive-hazardous-sites-guidance-documents>. If remedial activities include total removal of the site from a property, then do not prepare a Notice for that property.

### **Task Order 311RA-2: Draft Remedial Action Plan (RAP)**

The **DRAFT** RAP will include:

1. The RI-Summary Report incorporated as the executive summary for the draft RAP.
2. A general comparison of remedial options including estimated total costs.
3. A brief summary of the intended remedial action using non-technical language to the extent possible.
4. A summary of the remedial design that outlines how cleanup activities will be accomplished. The summary will explain individual tasks that may include, but not be limited to, the following:
  - installation of erosion and sediment control measures
  - permits
  - clearing and grubbing of woody vegetation within the waste disposal area
  - removal or relocation of surface waste
  - excavations for the removal and/or relocation of buried waste hotspots
  - asbestos management
  - site security
  - slope stabilization and erosion control
  - grading the waste disposal area for positive stormwater runoff
  - installation of a passive vent system
  - installation of demarcation liner and/or soil stability measures
  - installation of structural fill, topsoil, and/or amended soil
  - establishment of vegetative cover
  - site inspections
  - removal of erosion and sediment control measures
  - monitoring
  - land use restrictions and plat notice

If requested, technical specifications are to be provided under separate cover.

**Task Order 311RA-2A: Borrow Pit Sampling**

Identify the most economical source of cover soil for the Site. If needed, a cost analysis may determine that soil amendment is an option for a borrow source location.

- If needed, before borrow pit sampling activities begin, photograph areas or objects that may be disturbed and noteworthy items encountered during task activities. Submit these photographs upon completion of the activities, and the Unit will determine which need to be included in the report.
- Soil sampling frequency will be determined by the location of the source area. Areas generally considered to be pristine, like a quarry, may need less sampling than areas with other past use.
- Collect GPS coordinates at sampling points for reference. Report coordinates in decimal degrees to the seventh order using the North American Datum of 1983 (NAD83) format. These coordinates will be tabulated and included as an appendix.
- Submit samples to a North Carolina-certified laboratory and analyze for the following parameters by the most current U.S. EPA Contract Laboratory Program Target Compound List: volatile organic compounds by SW-846 method 8260, 1,4-dioxane by Method 8260SIM, semi-volatile organic compounds by SW-846 method 8270, 14 metals by SW-846 method 6020, and mercury by method 7471. Please note that any alternate method should be the U.S. EPA Method having the lowest detection limit and meets the Site's soil remediation goals.
- Submit a letter report that summarizes this activity with text, tables, and figures, as needed.

**Task Order 311RA-2B: Permits**

Acquire all necessary permits needed to implement the RAP. This may include a temporary driveway permit erosion and sediment control permit, wetland permit, etcetera.

**Task Order 311RA-3: Bid Specs, Subcontractor Selection**

Select at least four potential subcontractors to implement the RAP. Submit bid specifications and engineer design to each subcontractor, and hold a pre-bid on-site meeting. Develop a matrix of received bids for comparison and meet with to the Unit project manager for review and selection.

**Task Order 311RA-3A: Final RAP**

Modifications and revisions to the draft RAP will be incorporated at the end of the public comment period as a final document. Implementation of remedial activities included in the RAP can begin as soon as the final RAP document is approved by the Unit.

Provide the work plan and cost estimate for tasks 311RA-1 and 311RA-1A within 15 days of receipt of this request for proposal; due dates for the other tasks will be requested separately. A task authorization to begin work will be issued based on the approved proposal. Do not proceed with tasks prior to receiving this authorization. Please contact me at 919-707-8331 or [thomas.slusser@ncdenr.gov](mailto:thomas.slusser@ncdenr.gov) if you have any questions.

Best regards,

A handwritten signature in cursive script that reads "Thomas Slusser".

Thomas Slusser, L.G.

Pre-Regulatory Landfill Unit

Division of Waste Management